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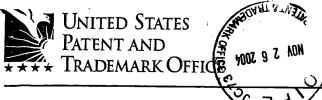
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STATEMENT UNDER 37 CFR 3.73(b)	•
Applicant/Patent Owner: Michael Kowalchik and John Cardente	
Application No./Patent No.: 10/004,090 Filed/Issue Date: October 23, 20	001
Entitled: Data Storage Device	
EMC Corporation , a <u>corporation</u> (Name of Assignee) (Type of Assignee, e.g., corporation)	, partnership, university, government agency, etc.)
states that it is:	, partnersnip, university, government agency, etc.)
1. the assignee of the entire right, title, and interest; or	
2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is%	
in the patent application/patent identified above by virtue of either:	
An assignment from the inventor(s) of the patent application/patent identified a in the United States Patent and Trademark Office at Reel 012361 , Fram thereof is attached. OR	bove. The assignment was recorded e 0571 , or for which a copy
B. A chain of title from the inventor(s), of the patent application/patent identified ab below:	ove, to the current assignee as shown
1. From:	
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Additional documents in the chain of title are listed on a supplemental sheet.	
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (<i>i.e.</i> , a true copy of the original assignment document(s)) Division in accordance with 37 CFR Part 3, if the assignment is to be recorded MPEP 302.08]	must be submitted to Assignment d in the records of the USPTO. <u>See</u>
The undersigned (whose title is supplied below) is authorized to act on behalf of the as	signee.
- Ne OE SHO	November 18, 2004
Signature	Date
David E. Huang, Esq.	508-366-9600
Printed or Typed Name	Telephone Number
Attomey for Applicant	
Title	

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RECORDATION DATE: 10/23/2001

REEL/FRAME: 012361/0571

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KOWALCHIK, MICHAEL

DOC DATE: 10/22/2001

ASSIGNOR:

CARDENTE, JOHN

DOC DATE: 10/22/2001

ASSIGNEE:

EMC CORPORATION
35 PARKWOOD DRIVE
HOPKINTON, MASSACHUSETTS 01748

SERIAL NUMBER: 10004090

PATENT NUMBER:

FILING DATE: 10/23/2001

ISSUE DATE:

MARCUS KIRK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

PTO-1595 U.S. DEPARTMENT OF (Rev. 6-93) COMMERCE OMB No. 0651-0011 (exp. 4/94) Patent and Trademark Office 101917196 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Michael Kowalchik Name: EMC Corporation John Cardente Additional name(s) of conveying party(ies) attached? () Yes () No Internal Address: 3. Nature of conveyance (x) Assignment () Merger Street Address: 35 Parkwood Drive () Security Agreement () Change of Name City: Hopkinton State: MA ZIP: 01748 () Other Execution Date: October 22, 2001 Additional name(s) & address(es) attached? () Yes () No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the filing date of the application is: October 23, 2001 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?()Yes () No 5. Name and address of party to whom correspond-6. Total number of applications and patents ence concerning document should be mailed: involved: 1 Name: Robert A. Greenberg 7. Total fee (37 CFR 3.41).....\$40.00 Telephone: (617) 832-1000 (x) Enclosed () Authorized to be charged to deposit account Internal Address: Foley, Hoag and Eliot, LLP Street Address: One Post Office Square 8. Deposit account number: 06-1448 Attach duplicate copy of this page if paying by deposit account City: Boston State: MA ZIP: 02109 DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a trve copy of the original document. Robert A. Greenberg Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:

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Washington, D.C. 20231

12/14/2001 TDIAZ1

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PATENT/Joint Assignment Attorney Docket No.: EMC-01-102

ASSIGNMENT

WHEREAS, We, Michael Kowalchik and John Cardente have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled DATA STORAGE DEVICE, the specification of which:

[X]	is being executed on even date he States Patent Office;	
.[]	was filed on	_ as U.S. Application No;
[]	was patented under U.S. Patent N	No

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 35 Parkwood Drive, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein:

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the

giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: $1^{\circ} / 3^{2} / 3001$	Michael Kowalchik
Print full name of first inventor:	Michael Kowalchik
Residence:	3 Harvard St.; Arlington, MA 02476
Citizenship:	USA
Mailing Address:	3 Harvard St.; Arlington, MA 02476
	ne above-named Michael Kowalchik and acknowledged
that he/she executed the foregoing insti	rument as his/her free act and deed this day of
	Notary Public
	Print Name:
	My Commission expires / /

Date: $10^{22}0$	John Cardon Do	
	John Cardente	
Print full name of first inventor:	John Cardente	
Residence:	58 Whitewood Rd.; Milford, MA 01757	
Citizenship:	USA	
Mailing Address:	58 Whitewood Rd.; Milford, MA 01757	
	above-named John Cardente and acknowledged that it as his/her free act and deed this day of	
	Notary Public	
· ·	Print Name:	
	My Commission expires//	